

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of:
Olgado et al.

Serial No.: 09/981,191

Confirmation No.: ~~Unknown~~ **5401**

Filed: October 16, 2001

For: Apparatus and Method for
Electro Chemical Plating
Using Backside Electrical
Contacts

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Group Art Unit: ~~Unknown~~ **1741**

Examiner: ~~Unknown~~ **Leader**

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CERTIFICATE OF MAILING
37 CFR 1.8

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11/21/01
Date

[Signature]
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INFORMATION DISCLOSURE STATEMENT

The Applicants, and the Attorney who signs below on the basis of the information supplied by the inventor and the information in his file, submit herewith patents, publications, or other information of which they are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

While the information submitted in this Information Disclosure Statement may be material pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is prior art for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97, this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined under 37 CFR § 1.56(a) exists.

The patents and/or publications submitted herewith are set forth on the attached Form PTO-1449.

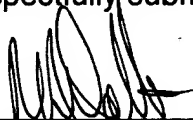
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180.00 CH

If the sum of \$180.00 is due under 37 CFR § 1.17(p) pursuant to § 1.97, the Commissioner is hereby authorized to charge this fee, and any other fee necessary to make this submission timely, to the Deposit Account No. 20-0782/AMAT/6059/NAN.

Respectfully submitted,



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U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)					Docket No. AMAT/6059		Serial No. 09/981,191	
LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT					Applicant Olgado et al.		Confirmation No.: Unknown	
(Use several sheets if necessary)					Filing Date 10/16/2001		Group Unknown	
Examiner Unknown								
U.S. Patent Documents								
*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate	
	A1	6,274,013	08/14/01	Bleck et al.	204	297.08	04/27/99	
	A2	6,251,236	06/26/01	Stevens	204	224 R	11/30/98	
	A3	6,200,634	03/13/01	Johnsgard et al.	427	248.1	08/14/98	
	A4	6,193,859	02/27/01	Contolini et al.	204	224 R	05/07/98	
	A5	6,180,291	01/30/2001	Bessy et al.	430	5	01/22/99	
	A6	6,159,354	12/12/00	Contolini et al.	205	96	11/13/97	
	A7	6,143,086	11/07/00	Tepman	118	728	05/10/99	
	A8	6,139,712	10/31/00	Patton et al.	205	143	12/14/99	
	A9	6,136,163	10/24/00	Cheung et al.	204	198	03/05/99	
	A10	6,080,291	06/27/00	Woodruff, et al.	204	297.01	07/10/98	
	A11	6,071,388	06/06/00	Uzoh	204	297 R	05/29/98	
	A12	6,017,585	01/25/00	Thomas	427	240	02/24/98	
	A13	5,997,701	12/07/99	Bock	204	225	10/09/97	
Foreign Patent Documents								
*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
	B1	99/25905	05/27/99	WO	C25D	5/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B2	99/25904	05/27/99	WO	C25D	5/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B3	97/12079	04/03/97	WO	C25D	5/02	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B4	63-118,093	05/23/88	JP	C25D	5/18	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B5	60-172,291	09/05/85	JP	C12P	7/52	<input type="checkbox"/>	<input checked="" type="checkbox"/>
OTHER ART								
*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.						
	C1	Kenneth E. Pitney, "NEY Contact Manual," Electrical Contacts for Low Energy Uses, 1973 (No Month).						
	C2	Peter Singer, "Tantalum, Copper and Damascene: The Future of Interconnects," Semiconductor International, June 1998, pp. Cover, 91-92, 94, 96 & 98.						
Examiner					Date Considered			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.								

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)					Docket No. APPM/2841.P1		Serial No. 09/730,986	
LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)					Applicant Dordi, et al.		Confirmation No.:	
Examiner UNKNOWN					Filing Date December 5, 2000		Group UNKNOWN	

U.S. Patent Documents							
*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
	A14	5,985,126	11/16/99	Bleck et al.	205	123	09/30/97
	A15	5,807,469	09/15/98	Crafts, et al.	204	297 W	09/27/92
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	A20	5,230,743	07/27/93	Thompson, et al.	134	32	07/30/92
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	A26	4,364,816	12/21/82	Birt	204	297 W	12/05/80
	A27	09/294,240		Dordi et al.			04/19/99
	A28	60/110,209		Dordi, et al.			11/30/98

Foreign Patent Documents								
*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
/	B6	58-182,823	10/25/83	JP	H01L	21/288	<input type="checkbox"/>	<input checked="" type="checkbox"/>
~	B7	04-280,993	10/06/92	JP	C25D	5/18	<input type="checkbox"/>	<input checked="" type="checkbox"/>
✓	B8	04-131,395	05/06/92	JP	C25D	5/34	<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER ART		
*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
.	C3	Peter Singer, "Wafer Processing", Semiconductor International, June 1988, p. 70.
,	C4	Ragnar Holm, "Electric Contacts Theory and Application," 4 th Ed., 1967 (No Month)

Examiner	Date Considered
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***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.